Magnitude of Findings



Theme	Number of Objectives
Demonstrate Deep Space Capabilities	38
Scientific Research	19
Planetary Defense	9
Other	9

Overarching observations

Deep Space Capabilities Theme: Key Observations



- Developing and testing/demonstrating Long Term Capabilities
 - Shake down for other future missions
 - System and technology (high reliability, low maintenance, long life)
 - Life support
 - Power & Prop
- Understanding the resources available for utilization

Scientific Research Theme: Key Observations



- Develop understanding of SS formation & Evolution
- Sample Return
 - Extraction, coring/drilling
 - Intelligent selection
 - Context for meteorite collection

Planetary Defense Theme: Key Observations



- Define the diversity of characteristics of the NEO population
 - Ground truth for remote sensing & modeling
- Test deflection methods
- Emplace retroreflectors for orbit deterimation
- Characterize
 - Mass
 - Internal structure
 - Rotation rate

Other



Rekindle the culture of exploration and discovery



Backup

Possible Breakout Discussions for Tomorrow



Optional Chart